



## ELECTRONIC TUBE REFERENCE

## GI48

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Russian RF/pulse power triode; maximum anode voltage 2000 V.

## GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | —             |
| NOMINAL HEATER      | 6.3 V / 415 mA    | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

|                                                                                                         |        |
|---------------------------------------------------------------------------------------------------------|--------|
| SECTION 0                                                                                               | Triode |
| MAXIMUM PLATE VOLTAGE                                                                                   | 2000 V |
| 15 W CW / 1 kW pulse; gm source 10+3.5-2.5 mA/V (nominal 0.010 A/V); filament 0.36-0.47 A; 900 MHz max. |        |

## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 2026 Russian Power

Published test conditions and operating points. Values on this page are preserved as reported by this source.

## 2026 RUSSIAN POWER

## Section 0 · Triode

| OTHER                   |                 |                        |
|-------------------------|-----------------|------------------------|
| PARAMETER               | PUBLISHED VALUE | CONDITION / NOTE       |
| Heater/filament voltage | 6.3 V           | Nominal heater voltage |
| Heater/filament current | 415 mA          | Nominal heater current |
| Maximum plate voltage   | 2000 V          | Maximum anode voltage  |

| CHARACTERISTIC             |                 |                                                                                    |
|----------------------------|-----------------|------------------------------------------------------------------------------------|
| PARAMETER                  | PUBLISHED VALUE | CONDITION / NOTE                                                                   |
| Center/operating frequency | 900 MHz         | Maximum operating frequency stated by manufacturer; not a typical center frequency |